

# Proximate Determinants of Fertility Estimation Tool: Input Data Guide

International Programs Center, Population Division, U.S. Census Bureau

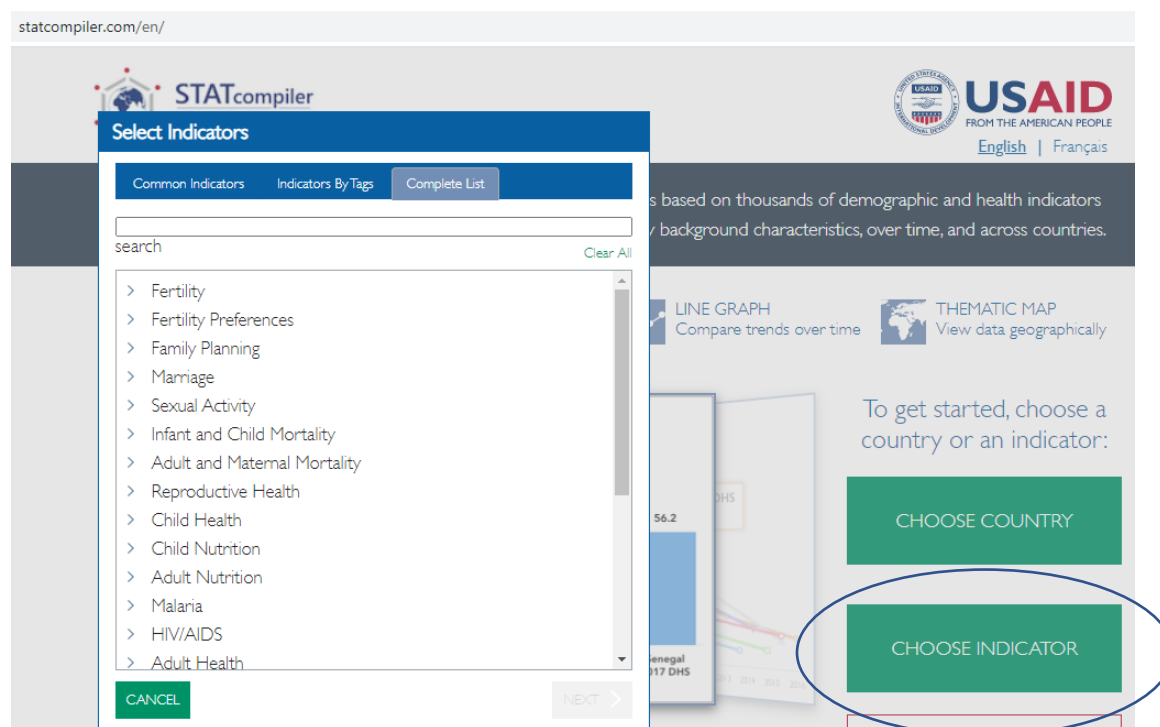
[census.gov/internationalprograms](https://census.gov/internationalprograms)

January 2022

## 1. Introduction

The following document will guide you through finding and accessing data needed for the U.S. Census Bureau's Proximate Determinants of Fertility Estimation Tool. The guide focuses on how to access variables in the Demographic and Health Survey (DHS) STATCompiler<sup>1</sup>, which provides most required inputs, and presents the variables in an order and format that is consistent across survey countries and over survey years. The few DHS variables that are not available in the STATCompiler are provided in DHS reports. There are also two input variables which cannot be accessed from DHS products—abortion rates and independent total fertility rates—so recommended sources for these are provided as well. Input variables which have no data to represent them can be left blank in the tool. This often occurs for abortion and specific types of contraception methods. Excluding accounts of such variables in most populations will not adversely impact the reliability of the model's results because abortion rates and population-specific use of some contraception methods tend to be markedly low, relative to other proximate determinant variables. However, if information is missing for variables such as age-specific fertility rates and contraception prevalence for methods commonly used in a population, it is recommended to refrain from using this tool in its entirety, as the absence of these variables will render the models ineffective in gauging the impacts of proximate determinants on fertility levels.

This guide starts from the STATCompiler home page. On that page, first click the “CHOOSE INDICATOR” button (right side of the STATCompiler landing page) and then click the “Complete List” button in the pop-up window.



<sup>1</sup> You can access the STATCompiler at <https://www.statcompiler.com/en/>. Introductory tutorials are available at <https://dhsprogram.com/data/STATcompiler.cfm>.

The DHS survey reports—which are needed to provide some variables unavailable in STATCompiler—are located at: <https://dhsprogram.com/search/index.cfm?bydoctype=publication&bypubtype=5>

For details on the indices calculated and models applied in the Proximate Determinants of Fertility Tool, see technical documentation, ProxDet\_1.0.docx. For more information on placement of input and generating intermediate calculations and output, see the “HELP” sheet in the first tab of the ProxDet\_1.0 workbook.

## 2. Finding Data for Bongaarts Model Variant

Variables for implementing the Bongaarts model variant are input in tool sheet “INPUT-B,” excerpts of which are displayed below:

	A	B	C	D	E	F	G	H	I
7	A. Proximate Determinants of Fertility from Earlier Survey								
8									
9	Item	Earlier Survey					OPTIONAL: Others methods not listed		
10	and	Proportion of Women Married			Contraception Use of Married Women		Contraceptive Use by Type		
11	age	ASFR	Married	Living Together	Type	Use	Contraceptive Type		Prevalence <i>u</i>
12	Date	2013.95							
13									
14									
15	15-19	0.141	0.165	0.004	Any method	0.490	Other method 1		
16	20-24	0.239	0.554	0.007	Female sterilization	0.019	Other method 2		
17	25-29	0.232	0.766	0.009	Male sterilization	0.000	Other method 3		
18	30-34	0.203	0.79	0.008	Pill	0.118	Other method 4		
19	35-39	0.152	0.776	0.007	IUD	0.012	Other method 5		
20	40-44	0.071	0.75	0.003	Injections	0.193	Other method 6		
21	45-49	0.014	0.715	0.003	Diaphragm, foam or jelly		Other method 7		
22	Total	1.052			Implants	0.055	Other method 8		
23	Reported TFR	5.260			Condom	0.040	Other method 9		
24					Female condom	0.001	Other method 10		
25	Mean duration of				Lactational amenorrhea	0.008			
26	postpartum insuceptibility		13.5		Emergency contraception				
27					Diaphragm				
28	Total Abortion Rate				Foam or jelly				
29	Proportion of All Women				Standard days method	0.001			
30	45-49 with 0 CEB		2		Periodic abstinence	0.007			
31	Independent TFR Estimate		5.18		Withdrawal	0.032			
32									

	A	B	C	D	E	F	G	H	I
34	B. Proximate Determinants of Fertility from Later Survey								
35									
36	Item	LATER SURVEY					OPTIONAL: Others methods not listed		
37	and	Proportion of Women Married			Contraception Use of Married Women		Contraceptive Use by Type		
38	age	ASFR	Married	Living Together	Type	Use	Contraceptive Type		Prevalence <i>u</i>
39	Date	2018.80							
40									
41									
42	15-19	0.135	0.144	0.002	Any method	0.496	Other method 1		
43	20-24	0.203	0.523	0.003	Female sterilization	0.015	Other method 2		
44	25-29	0.199	0.683	0.007	Male sterilization	0.000	Other method 3		
45	30-34	0.187	0.745	0.005	Pill	0.076	Other method 4		
46	35-39	0.138	0.761	0.010	IUD	0.007	Other method 5		
47	40-44	0.063	0.717	0.008	Injections	0.256	Other method 6		
48	45-49	0.012	0.681	0.005	Diaphragm, foam or jelly		Other method 7		
49	Total	0.937			Implants	0.079	Other method 8		
50	Reported TFR	4.685			Condom	0.030	Other method 9		
51					Female condom	0.000	Other method 10		
52	Mean duration of				Lactational amenorrhea	0.007			
53	postpartum insuceptibility		14.3		Emergency contraception	0.000			
54					Diaphragm				
55	Total Abortion Rate				Foam or jelly				
56	Proportion of All Women				Standard days method	0.003			
57	45-49 with 0 CEB		2.30		Periodic abstinence	0.003			
58	Independent TFR Estimate		4.83		Withdrawal	0.017			
59									
60									

## 2.1. Date (cells B13 and B40)

The survey reference date can be estimated with information in the introductory sections of DHS reports under the heading of “Fieldwork.” We recommend to approximate and convert the survey fieldwork period—usually several months—to its midpoint decimal date. An example of the DHS report<sup>2</sup> introductory section containing the fieldwork dates, from which a midpoint, survey reference date can be approximated, is below.

### 1.12 FIELDWORK

The survey was undertaken by 24 field teams. The 24 interviewing teams carrying out data collection each consisted of one supervisor (team leader), one field editor, three female interviewers, two male interviewers, two nurses/nurse counsellors, one laboratory technician, and one driver. Four senior staff members from the CSO, assisted by seven other staff members, coordinated supervision of fieldwork activities. Three staff members from UNZA assisted in field supervision and monitoring. In addition, two ICF International staff members conducted field supervision activities. To monitor implementation of the 2013-14 ZDHS biomarker components, laboratory staff from the TDRC and UTH Virology periodically supervised and monitored field laboratory technicians with respect to their compliance with survey biomarker procedures. Data collection took place over an eight-month period, from August 2013 to April 2014.

## 2.2. Age-specific fertility rates (ASFRs)

These instructions reference cells B15-B21 and B42-B48.

- From the STATCompiler “Complete List” of indicators described previously, select “Fertility” -> “Fertility rates” -> and then all variables from “Age specific fertility rate: 15-19” to “Age specific fertility rate 45-49”.
- Values will need to be divided by 1,000 before being inputted into the tool.

<sup>2</sup> Throughout this document, we use the following DHS survey for illustrative purposes: Zambia Statistics Agency, Ministry of Health (MOH) Zambia, and ICF. 2019. *Zambia Demographic and Health Survey 2018*.

### 2.3. Proportions married and living together by 5-year age groups

These instructions reference cells C15-C21, D15-D21, C42-C48, and D42-D48.

- From the “Complete List” of indicators, select “Marriage” -> “Current marital status” -> “Women”. (The selection of “Women” will automatically fill in the radial buttons for all categories of this variable.)
- Click “Next” at the bottom of the “Select Countries” window. The window will then show a selection of country(ies) having DHS surveys.
- After selecting your country(ies), click “Next”. The STATCompiler will then transition to a preliminary display of the required input data.
- On the right side of the screen, select “Current Marital Status [Women]: Married” from the dropdown menu below “INDICATORS”.
- Then, select “Age (5-year groups)”. The table now shows marital status data in 5-year age groups.

### 2.4. Contraception use, married women

These instructions reference cells F15-F31, I15-I24 (optional), F42-F58, and I42-I51 (optional).

- From the “Complete List” of indicators, select “Family Planning” -> “Current use of contraception by currently married women” -> and then all variables from “Married women currently using any method of contraception” to “Married women currently using withdrawal”.
  - Note: If you have already proceeded to the preliminary data display (as described in previous steps), click the “Edit” button next to the word “INDICATORS” on the right side of the page to return to the “Complete List”.

## 2.5. Mean duration of postpartum insusceptibility

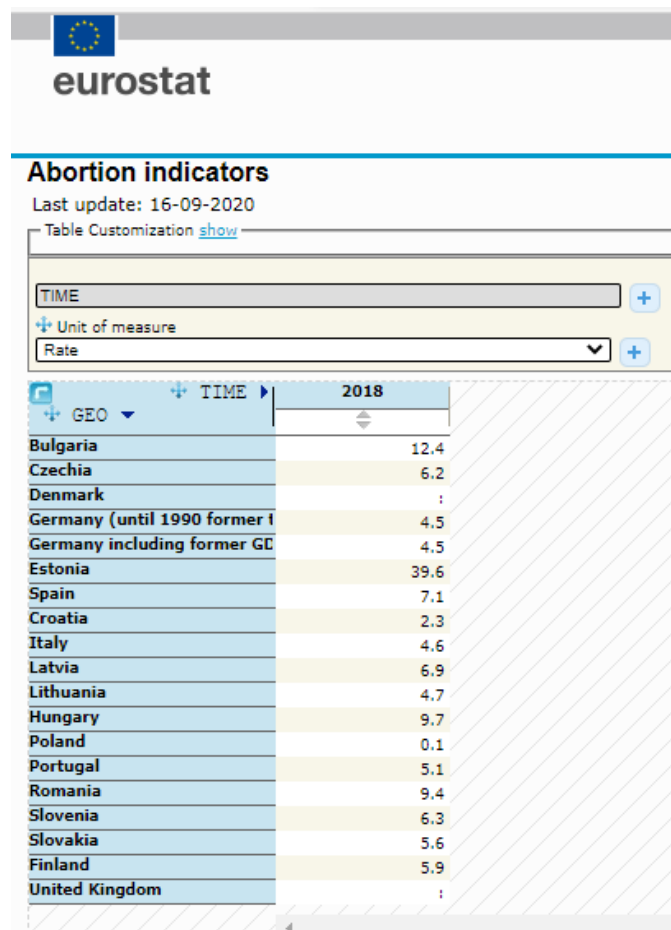
These instructions reference cells C26 and C53.

- From the Complete List of indicators, select “Fertility” -> “Postpartum insusceptibility” -> “Mean duration postpartum insusceptible”.

## 2.6. Total abortion rate

These instructions reference cells C28 and C55.

DHS measures abortion for only a limited number of countries, and the data are not available in the STATCompiler. Abortion data tend to be more readily available in higher income countries. For EU countries, for example, the European Commission's Eurostat database<sup>3</sup> provides regularly updated abortion rate data.



**Abortion indicators**  
Last update: 16-09-2020

Table Customization [show](#)

TIME: 2018  
Unit of measure: Rate

GEO	2018
Bulgaria	12.4
Czechia	6.2
Denmark	:
Germany (until 1990 former f	4.5
Germany including former GE	4.5
Estonia	39.6
Spain	7.1
Croatia	2.3
Italy	4.6
Latvia	6.9
Lithuania	4.7
Hungary	9.7
Poland	0.1
Portugal	5.1
Romania	9.4
Slovenia	6.3
Slovakia	5.6
Finland	5.9
United Kingdom	:

We recommend scientific journals<sup>4</sup> and other reputable sources for researching abortion rates on an individual country basis for lower income countries that tend not to generate abortion statistics regularly. Another source for when individual country data are not available is the Guttmacher Institute<sup>5</sup>, which publishes regional estimates of abortion worldwide.

<sup>3</sup>[http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=demo\\_fabortind&lang=en](http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=demo_fabortind&lang=en)

<sup>4</sup> E.g., Bearak et al. <[http://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(20\)30315-6/fulltext](http://www.thelancet.com/journals/langlo/article/PIIS2214-109X(20)30315-6/fulltext)> or Singh et al. <<https://www.thelancet.com/journals/langlo/article/PIIS2214-109X1730453-9/fulltext>>

<sup>5</sup> Guttmacher Institute. 2020. "Unintended pregnancy and abortion rates, by region, 2015–2019." <https://www.guttmacher.org/fact-sheet/induced-abortion-worldwide>

<https://www.guttmacher.org/fact-sheet/induced-abortion-worldwide>

Unintended pregnancy and abortion rates, by region, 2015–2019				
	Unintended pregnancy		Abortion	
	Rate	80% uncertainty interval	Rate	80% uncertainty interval
World	64	60 to 70	39	35 to 44
Sub-Saharan Africa	91	86 to 96	33	29 to 38
Western Asia and Northern Africa	86	67 to 114	53	34 to 78
Central and Southern Asia	64	59 to 70	46	42 to 51
Eastern and Southeast Asia	58	48 to 73	43	34 to 54
Latin America and the Caribbean	69	61 to 79	32	25 to 41
Europe and Northern America	35	33 to 39	17	15 to 20
Australia and New Zealand	38	32 to 45	15	12 to 19
Oceania (excluding Australia and New Zealand)	78	58 to 113	34	16 to 66

## 2.7. Proportion of all women 45-49 with 0 children ever born (CEB)

These instructions reference cells C30 and C57.

- From the “Complete List” of indicators, select “Fertility” -> “Children ever born to all women” -> “Women with no children ever born”.
  - Note: If you have already proceeded to the preliminary data display (as described in previous steps), click the “Edit” button to next to the word “INDICATORS” on the right side of the page to return to the “Complete List”.
- Click “Next” at the bottom of the “Select Countries” window. The window will then show a selection of country(ies) having DHS surveys.
- After selecting your country(ies), click “Next”. The STATCompiler will then transition to a preliminary display of the required input data.
- On the right side of the screen, select “Women with no children ever born” from the dropdown menu below “INDICATORS”.
- Then, select “Age (5-year groups)”. This selection will then provide the requisite measure of 0 CEB for age group 45-49, specifically.



https://www.statcompiler.com/en/

Select Indicators

Common Indicators Indicators By Tags Complete List

search Clear All

- ▼ Fertility
  - > Fertility rates
  - > Fertility
  - > Fertility trends
- ▼ Children ever born to all women
  - ▼ Women
    - ☒ Women with no children ever born
    - ☐ Women with 1 child ever born
    - ☐ Women with 2 children ever born
    - ☐ Women with 3 children ever born
    - ☐ Women with 4 children ever born
    - ☐ Women with 5 children ever born
    - ☐ Women with 6 children ever born
    - ☐ Women with 7 children ever born

CANCEL NEXT >

USAID FROM THE AMERICAN PEOPLE

Export Share Full Screen

INDICATORS

Women with no chil... *i* ▼

☐ Total

> ☒ Age (5-year groups)

COUNTRIES

## 2.8. Independent estimate of total fertility rate (TFR)

These instructions reference cells C31 and C58.

Independent total fertility rate (TFR) estimates are available from several sources, including national statistics offices, the United Nations World Population Prospects<sup>6</sup>, and the U.S. Census Bureau's International Data Base (IDB)<sup>7</sup>. An excerpt of TFR data from the IDB for the year 2021 is shown below.

Row	GENC	Country/Area Name ↑	Year	Total Fertility Rate
1	AF	<a href="#">Afghanistan</a>	2021	4.72
2	AL	<a href="#">Albania</a>	2021	1.53
3	DZ	<a href="#">Algeria</a>	2021	2.55
4	AS	<a href="#">American Samoa</a>	2021	2.28
5	AD	<a href="#">Andorra</a>	2021	1.44
6	AO	<a href="#">Angola</a>	2021	5.90
7	AI	<a href="#">Anguilla</a>	2021	1.72
8	AG	<a href="#">Antigua and Barbuda</a>	2021	1.96

<sup>6</sup> The UN World Population Prospects are available online at <https://population.un.org/wpp/>

<sup>7</sup> This link will provide TFR for the year 2021 for all countries and areas in the Census Bureau's International Data Base: [https://www.census.gov/data-tools/demo/idb/#/table?COUNTRY\\_YR\\_ANIM=2021&menu=tableViz&quickReports=CUSTOM&CUSTOM\\_COLS=TFR](https://www.census.gov/data-tools/demo/idb/#/table?COUNTRY_YR_ANIM=2021&menu=tableViz&quickReports=CUSTOM&CUSTOM_COLS=TFR)

### 3. Finding Data for Stover Model Variant

Variables for implementing the Stover variant are input in tool sheet, "INPUT-S," excerpts of which are displayed below. Where data download procedures are the same as in the Bongaarts variant, we make references to the appropriate section elsewhere in this document.

	A	B	C	D	E	F	G
7	A. Proximate Determinants of Fertility from Earlier Survey						
8							
9	Contraceptive Use by Type and Marital Status				OPTIONAL: Other methods not listed		
10	Contraception Use				Contraception Use and Effectiveness by Type		
11	Contraceptive Type	Married Women	Unmarried Sexually Active Women		Contraceptive Type	Married Women	Unmarried Sexually Active Women
12	Any method	0.490	0.390		Other method 1		
13	Female sterilization	0.019	0.003		Other method 2		
14	Male sterilization	0.000			Other method 3		
15	Pill	0.118	0.088		Other method 4		
16	IUD	0.012	0.003		Other method 5		
17	Injections	0.193	0.137		Other method 6		
18	Diaphragm, foam or jelly				Other method 7		
19	Implants	0.055	0.030		Other method 8		
20	Condom	0.040	0.109		Other method 9		
21	Female condom	0.001	0.002		Other method 10		
22	Lactational amenorrhea	0.008					
23	Emergency contraception						
24	Diaphragm						
25	Foam or jelly						
26	Standard days method	0.001	0.002				
27	Periodic abstinence	0.007	0.000				
28	Withdrawal	0.032	0.006				
29							
30	Total Number of Women	9859	858				
31							
<div><div><div><div></div></div><div>HELP</div></div><div><div><div></div></div><div>INPUT-B</div></div><div><div><div></div></div><div>CALCS-B</div></div><div><div><div></div></div><div>INPUT-S</div></div><div><div><div></div></div><div>CALCS-S</div></div><div><div><div></div></div><div>OUTPUT</div></div><div><div><div></div></div><div>DEFINITIONS</div></div><div><div><div></div></div><div>SOURCES</div></div><div><div><div></div></div><div></div></div></div>							

	A	B	C	D	E	F
32	Reported Total Fertility Rate		6.465		Independent TFR Estimate	5.18
33	Mean duration of postpartum insuceptibility (in months)		13.5			
34						
35	Total Abortion Rate					
36						
37	Proportion of women ages 15-49 who					
	Have had sexual intercourse within the past 4					
38	weeks		0.561			
39	Are pregnant		0.087			
40	Are abstaining postpartum		0.178			
41	Are menopausal		0.034			
42	Are infecund		0.015			
43						
44						
<div><div><div><div></div></div><div>HELP</div></div><div><div><div>INPUT-B</div></div><div>CALCS-B</div></div><div><div><div>INPUT-S</div></div><div>CALCS-S</div></div><div><div><div>OUTPUT</div></div><div>DEFINITIONS</div></div><div><div><div>SOURCES</div></div><div></div></div><div><div><div></div></div><div></div></div></div> <div><div><div></div></div><div></div></div> <div><div><div></div></div><div></div></div> <div><div><div></div></div><div></div></div> <div><div><div></div></div><div></div></div> <div><div><div></div></div><div></div></div> <div><div><div></div></div><div></div></div> <div><div><div></div></div><div></div></div> <div><div><div></div></div><div></div></div>						

	A	B	C	D	E	F	G
45	B. Proximate Determinants of Fertility from Later Survey						
46							
47	Contraceptive Use by Type and Marital Status				OPTIONAL: Other methods not listed		
48	Contraception Use				Contraception Use and Effectiveness by Type		
49	Contraceptive Type	Married Women	Unmarried Sexually Active Women		Contraceptive Type	Married Women	Unmarried Sexually Active Women
50	Any method	0.496	0.439		Other method 1		
51	Female sterilization	0.015			Other method 2		
52	Male sterilization	0.000	0.001		Other method 3		
53	Pill	0.076	0.050		Other method 4		
54	IUD	0.007	0.006		Other method 5		
55	Injections	0.256	0.207		Other method 6		
56	Diaphragm, foam or jelly				Other method 7		
57	Implants	0.079	0.088		Other method 8		
58	Condom	0.030	0.068		Other method 9		
59	Female condom	0.000			Other method 10		
60	Lactational amenorrhea	0.007	0.001				
61	Emergency contraception	0.000	0.007				
62	Diaphragm						
63	Foam or jelly						
64	Standard days method	0.003	0.001				
65	Periodic abstinence	0.003	0.001				
66	Withdrawal	0.017	0.006				
67							
68	Total Number of Women	7,648	835				
69							

	A	B	C	D	E	F
70	Reported Total Fertility Rate		4.685		Independent TFR Estimate	4.83
71	Mean duration of postpartum insusceptibility		14.3			
72						
73	Total Abortion Rate					
74						
75	Proportion of women ages 15-49 who					
76	Have had sexual intercourse within the past		0.532			
77	Are pregnant		0.083			
78	Are abstaining postpartum		0.203			
79	Are menopausal		0.038			
80	Are infecund		0.017			
81						
82						
83						
84						

### 3.1. Contraception use, married women

These instructions reference cells C12-C28 and C50-C66. Please see section 2.4 for guidance on downloading these data.

### 3.2. Total number of married women and non-married sexually active women

These instructions reference cells B30, C30, B68, and C68.

This variable is not available directly from the STATCompiler. However, you can access from DHS reports in tables on “Current use of contraception”. An example of this table is below:

Table 7.2 Current use of contraception by age

Percent distribution of all women, currently married women, and sexually active unmarried women age 15-49 by contraceptive method currently used, according to age, Zambia 2013-14

Current distribution of all women, currently married women, and sexually active unmarried women age 15-49 by contraceptive method currently used, according to age, Zambia 2015-17																				
Age	Any method	Any modern method	Female sterilisation	Pill	IUD	Modern method					Standard Days Method		Any traditional method	Traditional method			Not currently using	Total	Number of women	
						Injectables	Implants	Male condom	Female condom	LAM	Other	Rhythm		Withdrawal	Other					
ALL WOMEN																				
15-19	10.6	10.2	0.0	1.7	0.0	5.1	1.0	1.9	0.0	0.4	0.0	0.0	0.3	0.0	0.3	0.0	89.4	100.0	3,625	
20-24	34.6	33.0	0.0	6.5	0.3	18.0	4.0	3.3	0.1	0.6	0.0	0.1	1.6	0.1	1.3	0.1	65.4	100.0	3,006	
25-29	47.0	43.8	0.2	10.7	1.2	21.2	5.4	4.0	0.0	1.0	0.1	0.1	3.1	0.4	2.7	0.1	53.0	100.0	2,813	
30-34	48.0	44.5	0.8	13.2	1.4	17.9	5.9	4.3	0.0	0.5	0.0	0.3	3.5	0.4	2.8	0.4	52.0	100.0	2,475	
35-39	46.0	42.1	2.2	11.1	1.7	14.6	6.4	5.4	0.1	0.4	0.1	0.0	3.9	0.7	2.7	0.5	54.0	100.0	2,009	
40-44	44.2	38.2	5.8	9.7	1.6	11.2	5.0	4.0	0.1	0.3	0.6	0.0	6.0	1.3	3.8	0.9	55.8	100.0	1,464	
45-49	26.0	22.1	6.2	5.8	0.9	3.9	2.4	2.7	0.0	0.1	0.0	0.2	3.9	0.7	1.8	1.4	74.0	100.0	1,018	
Total	35.1	32.5	1.3	8.0	0.9	13.8	4.2	3.5	0.1	0.5	0.1	0.1	2.7	0.4	2.0	0.3	64.9	100.0	16,411	
CURRENTLY MARRIED WOMEN																				
15-19	37.5	35.8	0.0	6.4	0.0	20.9	2.6	4.4	0.3	1.2	0.0	0.0	1.7	0.0	1.7	0.0	62.5	100.0	613	
20-24	46.8	44.1	0.0	9.4	0.2	25.3	5.3	2.9	0.0	1.0	0.0	0.0	2.7	0.2	2.2	0.2	53.2	100.0	1,684	
25-29	52.5	48.6	0.2	12.5	1.0	24.1	5.7	3.6	0.0	1.2	0.1	0.1	4.0	0.5	3.4	0.1	47.5	100.0	2,181	
30-34	52.5	48.7	0.9	15.1	1.7	19.8	6.0	4.1	0.0	0.6	0.0	0.3	3.8	0.5	3.1	0.2	47.5	100.0	1,976	
35-39	52.0	47.1	2.5	13.1	2.0	16.4	7.0	5.4	0.2	0.5	0.0	0.0	4.9	0.9	3.5	0.5	48.0	100.0	1,572	
40-44	52.0	44.2	6.2	11.5	1.5	13.2	5.7	4.8	0.2	0.4	0.7	0.0	7.8	1.8	5.0	1.1	48.0	100.0	1,102	
45-49	32.9	27.5	7.3	7.9	1.3	4.3	3.2	3.1	0.1	0.1	0.0	0.2	5.3	1.0	2.5	1.9	67.1	100.0	730	
Total	49.0	44.8	1.9	11.8	1.2	19.3	5.5	4.0	0.1	0.8	0.1	0.1	4.3	0.7	3.2	0.4	51.0	100.0	9,859	
SEXUALLY ACTIVE UNMARRIED WOMEN <sup>1</sup>																				
15-19	18.6	17.9	0.0	3.1	0.0	5.3	0.8	8.7	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	81.4	100.0	296	
20-24	48.0	47.0	0.0	11.8	0.0	19.8	4.1	9.7	0.9	0.0	0.0	0.6	1.0	0.0	1.0	0.0	52.0	100.0	198	
25-29	51.0	50.0	0.0	9.0	0.9	18.3	5.2	15.0	0.0	0.0	0.0	1.5	1.0	0.0	0.0	1.0	49.0	100.0	128	
30-34	56.1	50.3	0.0	16.0	1.2	17.6	5.4	9.9	0.0	0.0	0.2	0.0	5.8	0.0	1.7	4.1	43.9	100.0	95	
35-39	59.1	59.1	0.0	10.4	0.0	20.1	4.3	21.9	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	40.9	100.0	77	
40-44	(39.5)	(39.2)	(5.2)	(17.9)	(0.0)	(9.7)	(0.0)	(6.4)	(0.0)	(0.0)	(0.0)	(0.0)	(0.4)	(0.0)	(0.0)	(0.4)	(60.5)	100.0	44	
45-49																		100.0	20	
Total	39.0	37.7	0.3	8.8	0.3	13.7	3.0	10.9	0.2	0.0	0.2	0.4	1.3	0.0	0.6	0.7	61.0	100.0	858	

### 3.3. Reported total fertility rate (TFR)

These instructions reference cells C32 and C70.

From the STATCompiler Complete List of indicators, select “Fertility rates” -> “Total fertility rate 15-49”.

Select Indicators

Common Indicators

Indicators By Tags

Complete List

search Clear All

Fertility

Fertility rates

Women

Age specific fertility rate: 10-14

Age specific fertility rate: 15-19

Age specific fertility rate: 20-24

Age specific fertility rate: 25-29

Age specific fertility rate: 30-34

Age specific fertility rate: 35-39

Age specific fertility rate: 40-44

Age specific fertility rate: 45-49

Total fertility rate 15-49

Total fertility rate 15-44

General fertility rate

CANCEL

NEXT >

12

### 3.4. Independent estimate of total fertility rate (TFR)

These instructions reference cells F32 and F70. Please see section 2.8 for guidance on downloading these data.

### 3.5. Mean duration of postpartum insusceptibility

These instructions reference cells C33 and C71. Please see section 2.5 for guidance on downloading these data.

### 3.6. Total abortion rate

These instructions reference cells C35 and C73. Please see section 2.6 for guidance on downloading these data.

### 3.7. Have had sexual intercourse within the past 4 weeks

These instructions reference cells C38 and C76.

From the STATCompiler Complete List of indicators, select “Sexual Activity” -> “Recent sexual activity: Active in last 4 weeks”.

**Select Indicators**

Common Indicators Indicators By Tags Complete List

search [Clear All](#)

- Sexual Activity
  - Percentage first sexual intercourse by exact age
  - Median age at first sexual intercourse
  - Timing of last sexual intercourse
    - ☒ Women
      - ☒ Recent sexual activity: Active in last 4 weeks
      - ☐ Recent sexual activity [Women]: Within the last y
      - ☐ Recent sexual activity [Women]: One or more y
      - ☐ Recent sexual activity: Never had sex
    - ☐ Men
      - ☐ Recent sexual activity [Men]: Active 4 Weeks
      - ☐ Recent sexual activity [Men]: Within the last year
      - ☐ Recent sexual activity [Men]: One or more years

CANCEL NEXT >

### 3.8. Are pregnant

These instructions reference cells C39 and C77.

From the Complete List of indicators, select “Fertility” -> “Percentage of women currently pregnant”.

The screenshot shows the 'Select Indicators' dialog box with the 'Complete List' tab selected. A search bar is at the top. The 'Fertility' category is expanded, showing sub-categories: 'Fertility rates', 'Fertility', 'Fertility trends', 'Children ever born to all women', 'Children ever born to currently married women', 'Birth intervals', 'Birth order', 'Postpartum insusceptibility', 'Postpartum insusceptibility duration', and 'Menopause'. Under the 'Fertility' sub-category, 'Women' is selected, and 'Percentage of women currently pregnant' is checked. Other options under 'Women' include 'Completed fertility of women age 40-49'. At the bottom are 'CANCEL' and 'NEXT >' buttons.

### 3.9. Are abstaining postpartum

These instructions reference cells C40 and C78.

From the Complete List of indicators, select “Fertility” -> “Postpartum insusceptibility” -> “Postpartum abstaining”.

The screenshot shows the 'Select Indicators' dialog box with the 'Complete List' tab selected. A search bar is at the top. The 'Fertility' category is expanded, showing sub-categories: 'Fertility rates', 'Fertility', 'Fertility trends', 'Children ever born to all women', 'Children ever born to currently married women', 'Birth intervals', 'Birth order', 'Postpartum insusceptibility', 'Postpartum insusceptibility duration', and 'Menopause'. Under the 'Postpartum insusceptibility' sub-category, 'Women' is selected, and 'Postpartum abstaining' is checked. Other options under 'Women' include 'Postpartum amenorrheic', 'Postpartum insusceptible', and 'Mean duration postpartum amenorrheic'. At the bottom are 'CANCEL' and 'NEXT >' buttons.

### 3.10. Are menopausal

These instructions reference cells and C41 and C79.

Two variables need to be selected from the STATCompiler and then multiplied. The first variable is the proportion of women ages 30-49 who are menopausal. The second is the proportion of women ages 30-49.

For the first variable:

- From the “Complete List” of indicators, select “Survey characteristics” -> “Percentage of women”. After this series of selections is made, the STATCompiler will transition to a country list page, where a selection of country(ies) having DHS surveys is made. (The intermediate category of “Women” is automatically selected.)
  - Note: If you have already proceeded to the preliminary data display (as described in previous steps), click the “Edit” button to next to the word “INDICATORS” on the right side of the page to return to the “Complete List”.
- Click “Next” at the bottom of the “Select Countries” window. The window will then show a selection of country(ies) having DHS surveys.
- After selecting your country(ies), click “Next”. The STATCompiler will then transition to a preliminary display of the required input data.
- On the right side of the screen, select “Percentage of women” from the dropdown menu below “INDICATORS”.
- Then, select “Age (5-year groups)”.

The screenshot displays the STATCompiler interface. On the left, the 'Select Indicators' panel is active, showing a tree view of indicators. Under 'Survey Characteristics', 'Background characteristics', and 'Women', the 'Percentage of women' indicator is selected. At the bottom of this panel are 'CANCEL' and 'NEXT >' buttons. On the right, the 'INDICATORS' panel shows the selected indicator 'Percentage of women' with a dropdown menu. Below it, a list of options is shown: 'Total 15-49' (selected), 'Total 15-49' (selected), 'Age (5-year groups)' (selected), 'Age (10-year groups)', 'Age (grouped)', 'Residence', and 'Education'. At the bottom of this panel is a 'COUNTRIES' section with an edit icon.

For the second variable:

- From the “Complete List” of indicators, select “Fertility” -> “Menopause” -> “Women age 30-49 menopausal”.

The screenshot shows the 'Select Indicators' dialog box with the 'Complete List' tab selected. A search bar is at the top. The tree view shows 'Fertility' expanded, with 'Menopause' selected. Under 'Menopause', 'Women' is selected, and 'Women age 30-49 menopausal' is selected. The 'CANCEL' and 'NEXT >' buttons are at the bottom.

To obtain the input: sum percentages of age groups 30-49 from the first selection, then multiply the result by the second variable.

$$(\sum \text{Percentages of age groups 30-49}) * \text{Women age 30-49 menopausal}$$

### 3.11. Are infecund

These instructions reference cells C42 and C80.

From the Complete List of indicators, select “Fertility Preferences” -> “Desire for children” -> “Desire for more children: Declared infecund”.

The screenshot shows the 'Select Indicators' dialog box with the 'Complete List' tab selected. A search bar is at the top. The tree view shows 'Fertility' expanded, with 'Fertility Preferences' selected. Under 'Fertility Preferences', 'Desire for children' is selected. Under 'Desire for children', 'Women' is selected, and 'Desire for more children: Declared infecund' is selected. The 'CANCEL' and 'NEXT >' buttons are at the bottom.